

Docket No. 372465-01501

### DECLARATION, POWER OF ATTORNEY AND PETITION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **"ANTI-ALIASING LINE PIXEL COVERAGE CALCULATION USING PROGRAMMABLE SHADER"** the specification of which

☐ is attached hereto  
☒ was filed on September 25, 2003 as Application Serial No. 10/671,849

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application or U.S. provisional application(s) for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

#### Prior Foreign/U.S. Provisional Application(s)

			Priority Claimed	
(Number)	(Country)	(Day, month, year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day, month, year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day, month, year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	Filing Date	(Status: Patented, pending, abandoned)
(Application Serial No.)	Filing Date	(Status: Patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint J. BOYCE, REG. 40,920; A.B. DIEPENBROCK III, REG. 39,960; L. SHERRY, REG. 43,918; G. GARCIA, REG. 50,899, all associated with Dechert LLP, 975 Page Mill Road, Palo Alto, California 94304, (650) 813-4800, as my attorneys with full power of substitution and revocation, to prosecute said application and to transact in connection therewith all business in the Patent and Trademark Office and before competent International Authorities.

Address all telephone calls to Anthony B. Diepenbrock III, Esq. at (650) 813-4853 and address all correspondence to:

Anthony B. Diepenbrock III, Esq.  
DECHERT LLP  
Customer No. 37509  
P.O. Box 10004  
Palo Alto, CA 94303-0961  
Tel. 650.813.4800  
Fax. 650.813.4848

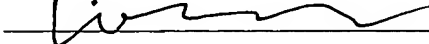
Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

Full Name of First Inventor: Yang (Jeff) JIAO

Home Address: 1040 Forest Knoll Drive, San Jose, California 95129

Post Office Address: Same as above

Citizenship: P.R. China

Inventor's Signature:  Date: 2/12/2004

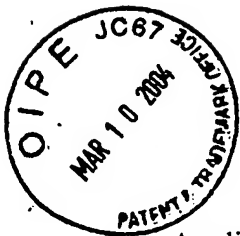
Full Name of Second Inventor: Zhou (Mike) HONG

Home Address: 11512 Country Spring Court, Cupertino, California 95014

Post Office Address: Same as above

Citizenship: P.R. China

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicants: JIAO et al. Docket No.: 372465-01501  
Serial No.: 10/671,849 Group Art Unit: 2673  
Filed: September 25, 2003 Examiner: Not yet assigned  
For: **ANTI-ALIASING LINE PIXEL COVERAGE CALCULATION USING PROGRAMMABLE  
SHADER**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION UNDER 37 C.F.R. 1.47(a)  
INVENTOR REFUSES TO JOIN**

Dear Sir:

This is a Petition Alleging Refusal To Join under Rule 47(a) in the above-identified patent application.

1. Inventor Zhou (Mike) Hong's last known address is 11512 Country Spring Court, Cupertino, California 95014.
2. A copy of the application papers (specification, including claims, drawings, Declaration and Assignment) was sent on February 11, 2004, by Federal Express, to inventor Hong's last known address for signature. A copy of the Federal Express shipping label is attached as Exhibit A.
3. It appears that inventor Hong received the Federal Express shipment on February 12, 2004. Proof of delivery is attached as Exhibit B.
4. A cover letter was sent to inventor Hong indicating that the inventor should review the application and execute the provided Declarations and Assignments by March 5, 2004 (See attached Exhibit C).
5. The date for responding to the Notice of Missing Parts is March 5, 2004, and was clearly disclosed to inventor Hong in the cover letter.
6. As of the date of submission of this petition, inventor Hong has not responded in any way to the shipment, though such response by telephone, facsimile, or email was and is certainly available to inventor Hong. A prepared Federal Express shipping label

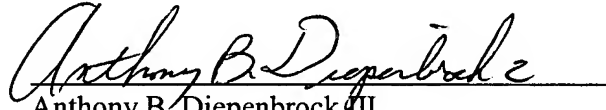
and envelope was provided for inventor Hong to return the requested documents (See Exhibit D).

7. The other named inventor, Jeff Jiao, has signed a declaration for the above-mentioned application.
8. Waiting beyond the March 5, 2004 deadline for the inventor to respond will incur increasing costs to the client.

Therefore, the signing applicant Jiao concludes that Mr. Hong, by his conduct, is refusing to join the above-application, and requests that the Office deem the application completed and ready for prosecution.

Respectfully submitted,

Date: March 5, 2004

  
Anthony B. Diepenbrock III  
Registration No. 39,960

DECHERT LLP  
Customer No. 37509

**CERTIFICATE OF MAILING (37 CFR 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on March 5, 2004, with the U.S. Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Date: March 5, 2004

  
Yvette Yturbe-Owen

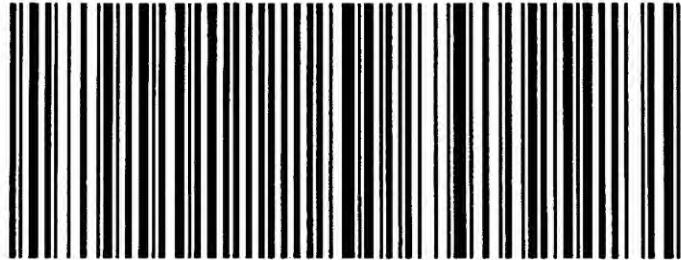
From: YOLETTE VTURRALDE-OWEN (650) 813-4917  
DECHERT LLP  
975 PAGE MILL ROAD  
PALO ALTO, CA, 94304

**FedEx.****To: Zhou (Mike) Hong (000)000-0000****11512 Country Spring Court****Cupertino, CA, 95014**

Ref: 336946/4917

SHIP DATE: 11FEB04  
WEIGHT: 1 LBS

DELIVERY ADDRESS BARCODE (FEDEN-EDR)

**TRK # 7925 6994 3850****FedEx PRIORITY OVERNIGHT****THU  
AA**Deliver by:  
**12FEB04****95014-CA-US  
RES****WA COAA**

## Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.**

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](http://fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Track Shipments  
Detailed Results[? Quick Help](#)

Tracking number 792569943850  
Signed for by 14626150  
Ship date Feb 11, 2004  
Delivery date/time Feb 12, 2004 10:49 am

Reference number 336946/4917  
Delivery location CUPERTINO CA  
Service type Priority Pak

Date/time	Status	Location	Comments
Feb 12, 2004 10:49 am	Delivered	CUPERTINO CA	

[Signature proof](#)[Track more shipments](#)

## Email your detailed tracking results (optional)

Enter your email, submit up to three email addresses (separated by commas), add your message (optional), and click **Send email**.

From   
To

Add a message to this email.

[Send email](#)

February 11, 2004

**FILE COPY**

**VIA FEDERAL EXPRESS**

Zhou (Mike) Hong  
11512 Country Spring Court  
Cupertino, CA 95014

Re: U.S. Patent Application Serial No. 10/671,849  
Filed: September 25, 2003  
Entitled: **ANTI-ALIASING LINE PIXEL COVERAGE CALCULATION USING  
PROGRAMMABLE SHADER**  
Our Ref: 372465-01501 (336946)

Dear Mr. Hong:

The U.S. Patent and Trademark Office has assigned the serial number and filing date indicated above to the subject patent application. However, because we filed the application without a signed Declaration, we have now received the enclosed Notice to File Missing Parts of Application. To complete the filing process, we must now file a Declaration, Power of Attorney & Petition which references the application by serial number and filing date. The deadline for complying with this directive is March 5, 2004.

Enclosed is a copy of the subject application for review before you execute the three enclosed Declarations. We are also enclosing three Assignment documents to VIA Technologies, Inc. for your signature at the same time. Upon execution please forward these documents back to our office in the enclosed Federal Express envelope addressed to our office for your convenience.

Please note that the enclosed documents are of confidential and proprietary property of VIA Technologies, Inc. and should not be viewed by anyone other than yourself.

If you have any questions regarding any of the above, please feel free to me at 650.813.4856.

Very truly yours,

  
Anthony B. Diepenbrock III

ABD/yyo  
Enclosure

83915.1.17 2/10/2004

From: YOLETTE YTURRALDE-OWEN (650)813-4917  
DECHERT LLP  
975 PAGE MILL ROAD  
PALO ALTO, CA, 94304

**FedEx.**

To: Yolette Yturalde-Owen (650)813-4800  
Dechert LLP (PAL)  
975 Page Mill Road

SHIP DATE: 20FEB04  
WEIGHT: 1 LBS

Palo Alto, CA, 943041013

Ref: 336946/4917



DELIVERY ADDRESS BARCODE (FEDEX-EDK)

TRK # 7925 6995 0782 69201

FedEx PRIORITY OVERNIGHT

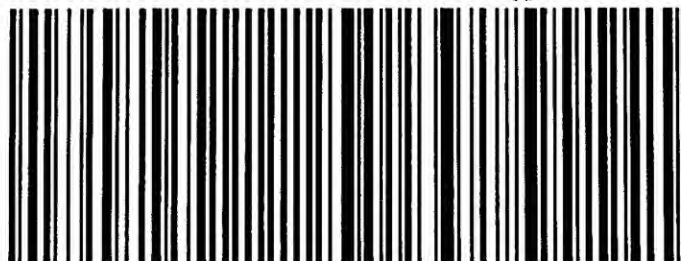
SFO

MON  
A2

Deliver by:  
23FEB04

94304-CA-US

WA PAOA



## Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](http://fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.